

ESTER GAYA, FRANÇOIS LUTZONI, STEFAN ZOLLER, AND PERE NAVARRO-ROSINÉS. 2003. Phylogenetic study of *Fulgensia* and allied *Caloplaca* and *Xanthoria* species (Teloschistaceae, lichen-forming Ascomycota). *American Journal of Botany* 90(7): 1095-1103.

APPENDIX. Voucher information and GenBank accession numbers for 62 ITS sequences included in the study.

Taxon	Voucher	GenBank accession no.
<i>Caloplaca alpigena</i> Poelt ined.	U. Arup and M. Grube ^a	AF353956
<i>C. arnoldii</i> (Wedd.) Zahlbr.	U. Arup and M. Grube ^a	AF353952
<i>C. aurantia</i> (Pers.) Hellb.	Catalonia (Spain), E. Gaya et al. (BCC-lich. 13681) ^b	AY233219
<i>C. biatorina</i> (A. Massal.) J. Steiner	U. Arup and M. Grube ^a	AF353953
<i>C. cerina</i> (Ehrh. ex Hedw.) Th. Fr. 1	Germany, H. Schwaiger et al. 5839 (M) ^c	AF279885
<i>C. cerina</i> 2	U. Arup and M. Grube ^a	AF353958
<i>C. chlorina</i> (Flot.) Sandst.	U. Arup and M. Grube ^a	AF353959
<i>C. crenularia</i> (With.) Laundon	U. Arup and M. Grube ^a	AF353965
<i>C. demissa</i> (Körb.) Arup & Grube 1	Europe, U. Arup and M. Grube ^a	AF353960
<i>C. demissa</i> 2	North America, U. Arup and M. Grube ^a	AF353961
<i>C. demissa</i> 3	Europe, U. Arup and M. Grube ^a	AF353962
<i>C. dolomiticola</i> (Hue) Zahlbr.	U. Arup and M. Grube ^a	AF353957
<i>C. flavorubescens</i> (Huds.) Laundon	Sweden, M. Wedin 6140 (BM) ^c	AF279887
<i>C. flavovirescens</i> (Wulfen) DT. & Sarnth	U. Arup and M. Grube ^a	AF353966
<i>C. gloriae</i> Llimona & Werner 1	Canary Islands, X. Llimona (BCC-lich. 13177) ^d	AF101281
<i>C. gloriae</i> 2	Canary Islands, A. Gómez et al. (BCC-lich. 13793) ^b	AY233220
<i>C. ignea</i> Arup	U. Arup and M. Grube ^a	AF353950
<i>C. lithophila</i> H. Magn.	U. Arup and M. Grube ^a	AF353945
<i>C. marina</i> ssp. <i>americana</i> Arup	U. Arup and M. Grube ^a	AF353947
<i>C. marina</i> ssp. <i>marina</i> (Wedd.) Zahlbr.	U. Arup and M. Grube ^a	AF353946
<i>C. maritima</i> B. de Lesd.	U. Arup and M. Grube ^a	AF353948
<i>C. pyracea</i> (Ach.) Th. Fr.	U. Arup and M. Grube ^a	AF353949
<i>C. saxicola</i> (Hoffm.) Nordin	U. Arup and M. Grube ^a	AF353951
<i>C. thallicola</i> (Wedd.) Du Rietz	Almeria (Spain), U. Sochting (BCC-lich. 13796) ^b	AY233218
<i>C. variabilis</i> (Pers.) Müll. Arg. 1	Catalonia (Spain), P. Navarro-Rosinés and N. Hladún (BCC-lich. 10054) ^b	AY233224
<i>C. variabilis</i> 2	U. Arup and M. Grube ^a	AF353963
<i>Fulgensia australis</i> (Arnold) Poelt 1	Austria, J. Poelt (BM) ^c	AF277663
<i>F. australis</i> 2	Catalonia (Spain), E. Gaya and A. Gómez 239 (BCC-lich.) ^b	AY233223
<i>F. bracteata</i> (Hoffm.) Räsänen	Greece, U. Trinkaus 320 (GZU) ^c	AF277665
<i>F. bracteata</i> ssp. <i>deformis</i> (Erichs.) Poelt	Greenland, E. S. Hansen (BM) ^c	AF277669
<i>F. bracteata</i> var. <i>alpina</i> (Th. Fr.) Räsänen	Austria, W. Obermayer 7158 (GZU) ^c	AF277664
" <i>F. desertorum</i> 1"	Italy, P. L. Nimis and J. Poelt (GZU) ^c	AF277671
" <i>F. desertorum</i> 2"	Norway, R. Haugan and E. Timdal 8123 (O) ^c	AF277672
<i>F. fulgens</i> (Sw.) Elenkin 1	Great Britain, J. M. Gray (BM) ^c	AF278769
<i>F. fulgens</i> 2	Italy, F. Ceni and A. Vezda (BM) ^c	AF278770
<i>F. fulgens</i> 3	Slovakia, Z. Palice (Hb. Palice) ^c	AF278771
<i>F. fulgens</i> 4	Sweden, S. Rui and E. Timdal 8151 (O) ^c	AF278773

APPENDIX. *Continued*

Taxon	Voucher	Genbank accession no.
<i>F. fulgida</i> (Nyl.) Szatala 1	Italy, P.L. Nimis and M. Tretiach 22131 (TSB) ^c	AF278774
<i>F. fulgida</i> 2	Greece, U. Trinkaus and M. Grube (GZU) ^c	AF278776
<i>F. fulgida</i> 3	France, G. Rambold and D. Triebel 6254 (M) ^c	AF279875
<i>F. fulgida</i> 4	France, G. Rambold and D. Triebel 6254 (M) ^c	AF279876
<i>F. fulgida</i> 5	Catalonia (Spain), E. Gaya (BCC-lich. 13792) ^b	AY233221
<i>F. fulgida</i> 6	France, P. Navarro-Rosinés (BCC-lich. 13791) ^b	AY233222
<i>F. pruinosa</i> (Körb.) Poelt 1	Austria, A. Wilfling and M. Mössinger (GZU) ^c	AF279879
<i>F. pruinosa</i> 2	Austria, A. Wilfling and M. Mössinger (Hb. Wilfling) ^c	AF279880
<i>F. schistidii</i> (Anzi) Poelt 1	Italy, P. L. Nimis and M. Tretiach 24042 (TSB) ^c	AF279881
<i>F. schistidii</i> 2	Romania, M. Zamfir 125981 (UPS) ^c	AF279882
<i>F. schistidii</i> 3	Catalonia (Spain), E. Gaya and X. Llimona (BCC-lich. 13794) ^b	AY233225
<i>F. subbracteata</i> (Nyl.) Poelt 1	Greece, U. Trinkaus and M. Grube (GZU) ^c	AF279883
<i>F. subbracteata</i> 2	Greece, U. Trinkaus and M. Grube (GZU) ^c	AF279763
" <i>Xanthoria elegans</i> 1"	Antarctica, P. S. Dyer and G.J.Murtagh ^c	AF279768
<i>X. elegans</i> (Link) Th. Fr. 2	Great Britain, P. S. Dyer and G.J.Murtagh ^c	AF279763
<i>X. elegans</i> 3	Wyoming (USA), P. S. Dyer and G.J.Murtagh ^c	AF279768
<i>X. fallax</i> (Hepp) Arnold	U. Arup and M. Grube ^a	AF353955
<i>X. parietina</i> 1 (L.) Th. Fr.	U. Arup and M. Grube ^a	AF353943
<i>X. parietina</i> ssp. <i>calcicola</i> (Oxner) Clauz. & Roux 2	U. Arup and M. Grube ^a	AF353944
<i>X. resendei</i> Poelt & Tav.	Canary Islands, X. Llimona (BCC-lich. 13175) ^d	AF101283
<i>X. soreliata</i> (Vain.) Poelt	Sweden, A. Tehler 7883 (S) ^f	AF224348
<i>Letharia columbiana</i> (Nutt.) J. W. Thomson	British Columbia, Thell and Veer BC 96245 (LD) ^g	AF115762
<i>L. vulpina</i> (L.) Hue	British Columbia, Y. Yamamoto BC1(UC) ^h	AF228470
<i>Protoparmelia badia</i> (Hoffm.) Haf.	U. Arup and M. Grube ^a	AF070023
<i>Usnea arizonica</i> Mot.	Napa Co., California (USA), Kroken, S. ⁱ	AF297732

^a Sequences published by Arup and Grube (1999). Neither locality nor voucher information are mentioned in this publication.

^b Sequences generated in this study.

^c Sequences published by Kasalicky et al. (2000).

^d Sequences published by Martin and Winka (2000).

^e Sequences published by Dyer and Murtagh (2001). (Authors note: Voucher specimens have been deposited at CABI Bioscience [UK Centre] and have been assigned the following IMI number: IMI 384688.)

^f Sequences published by Lohtander et al. (2000).

^g Direct submission to GenBank by A. Thell.

^h Sequences published by Kroken and Taylor (2001).

ⁱ Direct submission to GenBank by S. Kroken.